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Black Hills  
Reserve

Flat  
Folio

U. S. Department of Agriculture

FOREST SERVICE

GIFFORD PINCHOT, FORESTER

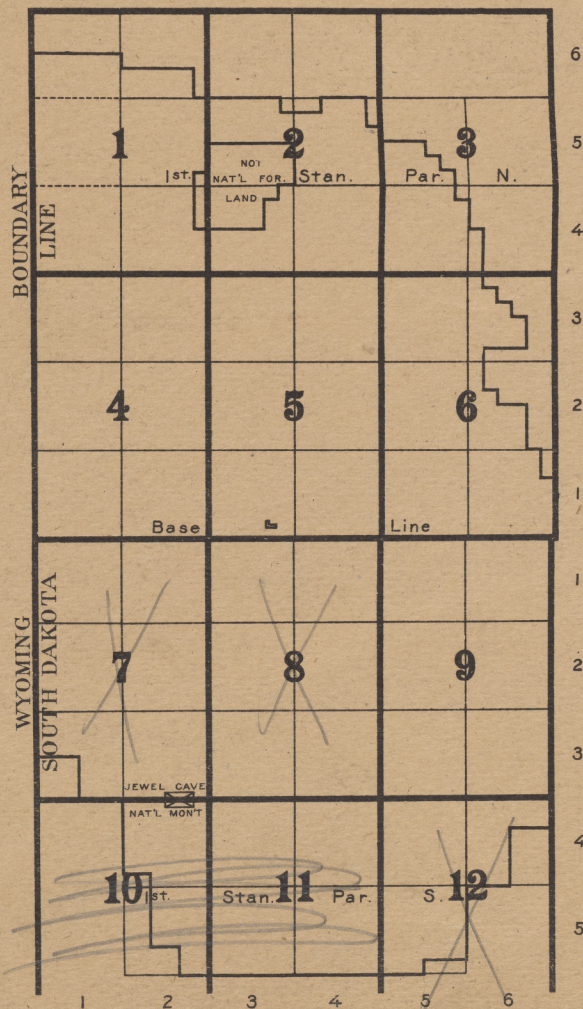
# FOREST ATLAS

OF THE

NATIONAL FORESTS OF THE UNITED STATES

## BLACK HILLS

FOLIO



BLACK HILLS MERIDIAN AND BASE

USDA  
LIB

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GEORGE OTIS SMITH, DIRECTOR



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# FOREST ATLAS

## GENERAL CLASSIFICATION

Commercial Timber	
	Less than 2,000 B.F. per acre
	2,000 to 5,000 B.F. per acre
	5,000 to 10,000 B.F. per acre
	10,000 to 25,000 B.F. per acre
	25,000 to 50,000 B.F. per acre
	Woodland, cordwood, poles, etc.
	Chaparral or brush
	Sagebrush
	Grassland, parks, etc.
	Barren, above timber line, etc.
	Desert
	Burn, not restocking
	Burn, scattering trees or restocking
	Burn, forest cover established (The color indicates the stand)
	Windfall
	Bug-killed or diseased
	Old cutting, less than 1/3 of the merchantable timber removed
	Old cutting, 1/3 to 2/3 of the merchantable timber removed
	Old cutting, 2/3 to all of the merchantable timber removed
	Timber sales, less than 1/3 of the merchantable timber removed
	Timber sales, 1/3 to 2/3 of the merchantable timber removed
	Timber sales, 2/3 to all of the merchantable timber removed
	Cultivated
	Irrigated

## TITLE

	State lands, approved
	State lands, not approved
	Indian allotments
	Lieu selections
	Pending base
	Railway lands, patented
	Railway lands, not patented
	Homesteads, patented
	Homesteads, not patented
	Cash entry
	Timber and stone
	Coal entry
	Desert entry
	Townsite entry
	Mineral lode claims, patented
	Mineral placer claims, patented
	Mineral mill site, patented
	Mineral classification

## GRAZING MAP LEGEND

	Supervisor's headquarters
	Supervisor's division
	Ranger's division
	Grazing districts
	Open for all stock
	Open for cattle and horses only
	Open for sheep and goats only
	Closed for all stock
	Lambing grounds
	Driveways for stock
	Corral

## CONVENTIONAL SIGNS

	Block line
	Compartment line, sales
	Boundary line for all other classifications
	Grant line
	Telegraph line
	Telephone line
	Power line
	Pipe line
	Aqueduct
	Railroad
	Tramway
	Wire rope conveyor
	Wagon road
	Secondary or private road
	Pack trail
	Foot trail
	Fire line
	Fence
	Ditch
	Flume
	Slide
	Log driving route
	Rollway
	Skidway
	Bridge
	Ferry
	Ford
	Experimental nursery (area)
	Experimental nursery (location)
	Permanent nursery (area)
	Permanent nursery (location)
	Forested by natural seeding
	Forested by artificial seeding
	Forested by planting
	Location of Silvical experiments
	Corral
	Supervisor's headquarters
	Ranger's headquarters, no house
	Ranger's headquarters, with house
	House
	Railroad station
	Stage station
	Power station
	Hotel
	Store
	School
	Church
	Cemetery
	Telegraph office
	Telephone office
	Cabin
	Dairy
	Logging camp
	Sawmill, portable
	Sawmill, stationary
	Grist mill
	Grist and sawmill
	Apiary
	Windmill
	Well
	Quarry or gravel pit
	Mine location, unpatented
	Mine shaft
	Triangulation station
	Bench mark.

## ALPHA-NUMERIC SYMBOLS FOR WESTERN COMMERCIAL TREE SPECIES

These will be used on maps, where limited space makes necessary, in the following manner:

**D129**—*Pseudotsuga taxifolia*, average stand 29,000 B.M. per acre

**Q612**—*Quercus agrifolia*, average stand 12 cords per acre

**T67**—*Thuja plicata*, average stand 7 tele-poles per acre

<b>P0</b>	<i>Pinus contorta (murrayana)</i>	Lodgepole Pine
<b>1</b>	<i>flexilis</i>	Limber Pine
<b>2</b>	<i>monticola</i>	Western White Pine
<b>3</b>	<i>lambertiana</i>	Sugar Pine
<b>4</b>	<i>ponderosa</i>	Yellow Pine
<b>5</b>	<i>coulteri</i>	Coulter Pine
<b>6</b>	<i>sabiniana</i>	Gray Pine
<b>7</b>	<i>jeffreyi</i>	Jeffrey Pine
<b>8</b>	<i>radiata</i>	Monterey Pine
<b>9</b>	<i>attenuata</i>	Knobcone Pine
<b>B2</b>	<i>strobiformis</i>	Mexican White Pine
<b>5</b>	<i>albicaulis</i>	White-bark Pine
<b>6</b>	<i>torreyana</i>	Torrey Pine
<b>7</b>	<i>edulis</i>	Pinon
<b>9</b>	<i>monophylla</i>	Single-leaf Pinon
<b>A1</b>	<i>Abies magnifica</i>	Magnificent Fir
<b>2</b>	<i>concolor</i>	White Fir
<b>3</b>	<i>shastensis</i>	Shasta Fir
<b>4</b>	<i>nobilis</i>	Noble Fir
<b>5</b>	<i>lasiocarpa</i>	Alpine Fir
<b>6</b>	<i>grandis</i>	Lowland Fir
<b>7</b>	<i>arizonica</i>	Arizona Cork Fir
<b>8</b>	<i>amabilis</i>	Lovely Fir
<b>9</b>	<i>venusta</i>	Bristle-cone Fir
<b>S2</b>	<i>Picea engelmanni</i>	Engelmann Spruce
<b>3</b>	<i>parryana</i>	Blue Spruce
<b>5</b>	<i>breweriana</i>	Weeping Spruce
<b>6</b>	<i>sitchensis</i>	Sitka Spruce
<b>D1</b>	<i>Pseudotsuga taxifolia</i>	Douglas Fir (Red)
<b>5</b>	<i>macrocarpa</i>	Bigcone Spruce
<b>H5</b>	<i>Tsuga mertensiana</i>	Black Hemlock
<b>6</b>	<i>heterophylla</i>	Western Hemlock
<b>R1</b>	<i>Sequoia sempervirens</i>	Redwood
<b>5</b>	<i>washingtoniana</i>	Bigtree
<b>C5</b>	<i>Chamaecyparis nootkatensis</i>	Yellow Cedar
<b>6</b>	<i>lawsoniana</i>	Port Orford Cedar
<b>T6</b>	<i>Thuja plicata</i>	Red Cedar
<b>L5</b>	<i>Larix lyallii</i>	Alpine Larch
<b>7</b>	<i>occidentalis</i>	Western Larch
<b>05</b>	<i>Libocedrus decurrens</i>	Incense Cedar
<b>K5</b>	<i>Cupressus macnabiana</i>	Macnab Cypress
<b>6</b>	<i>macrocarpa</i>	Monterey Cypress
<b>7</b>	<i>arizonica</i>	Arizona Cypress
<b>8</b>	<i>goiveniana</i>	Gowen Cypress
<b>J1</b>	<i>Juniperus utahensis</i>	Utah Juniper
<b>2</b>	<i>pachyphloea</i>	Alligator Juniper
<b>4</b>	<i>occidentalis</i>	Western Juniper
<b>5</b>	<i>sabinoidea</i>	Mountain Juniper
<b>7</b>	<i>californica</i>	California Juniper
<b>9</b>	<i>monosperma</i>	One-seed Juniper
<b>Q0</b>	<i>Quercus chrysolepis</i>	Canyon Live Oak
<b>1</b>	<i>californica</i>	California Black Oak
<b>2</b>	<i>lobata</i>	California White Oak
<b>3</b>	<i>douglasii</i>	Blue Oak
<b>4</b>	<i>garryana</i>	Pacific Post Oak
<b>5</b>	<i>wislizeni</i>	Highland Oak
<b>6</b>	<i>agrifolia</i>	California Live Oak
<b>7</b>	<i>gambelii</i>	Gambel Oak
<b>8</b>	<i>densiflora</i>	California Tanbark Oak
<b>9</b>	<i>engelmanni</i>	Engelmann Oak
<b>M2</b>	<i>Acer macrophyllum</i>	Oregon Maple
<b>5</b>	<i>glabrum</i>	Dwarf Maple
<b>9</b>	<i>negundo californicum</i>	California Boxelder
<b>W0</b>	<i>Populus trichocarpa</i>	Black Cottonwood
<b>2</b>	<i>fremontii</i>	Fremont Cottonwood
<b>5</b>	<i>tremuloides</i>	Aspen
<b>7</b>	<i>angustifolia</i>	Narrowleaf Cottonwood
<b>F1</b>	<i>Fraxinus pennsylvanica</i>	Red Ash
<b>6</b>	<i>oregona</i>	Oregon Ash
<b>8</b>	<i>lanceolata</i>	Green Ash
<b>U1</b>	<i>Prunus demissa</i>	Western Choke Cherry
<b>Y7</b>	<i>Platanus wrightii</i>	Arizona Sycamore
<b>8</b>	<i>racemosa</i>	California Sycamore
<b>X0</b>	<i>Salix lasiandra</i>	Western Black Willow
<b>2</b>	<i>sessilifolia</i>	Silverleaf Willow
<b>9</b>	<i>amygdaloides</i>	Almondleaf Willow

U.S. Improvements made by the United States are marked U. S.

Proposed improvements are shown by the appropriate sign and designated by "Proposed" on the margin of the maps

Abandoned improvements are shown by zeros O O O O and designated on the margin of the maps

Additional buildings may be shown by using the house sign (■) with a written designation; thus:

- Slaughter house
- Livery barn
- Sanatorium
- etc., etc.





Compiled by D.C. Harrison 1909

R. 1 E.

R. 2 E. BLACK HILLS MERIDIAN  
AND BASE









T. 6 N.

T. 5 N.

T. 4 N.

103°45'

R. 3 E.

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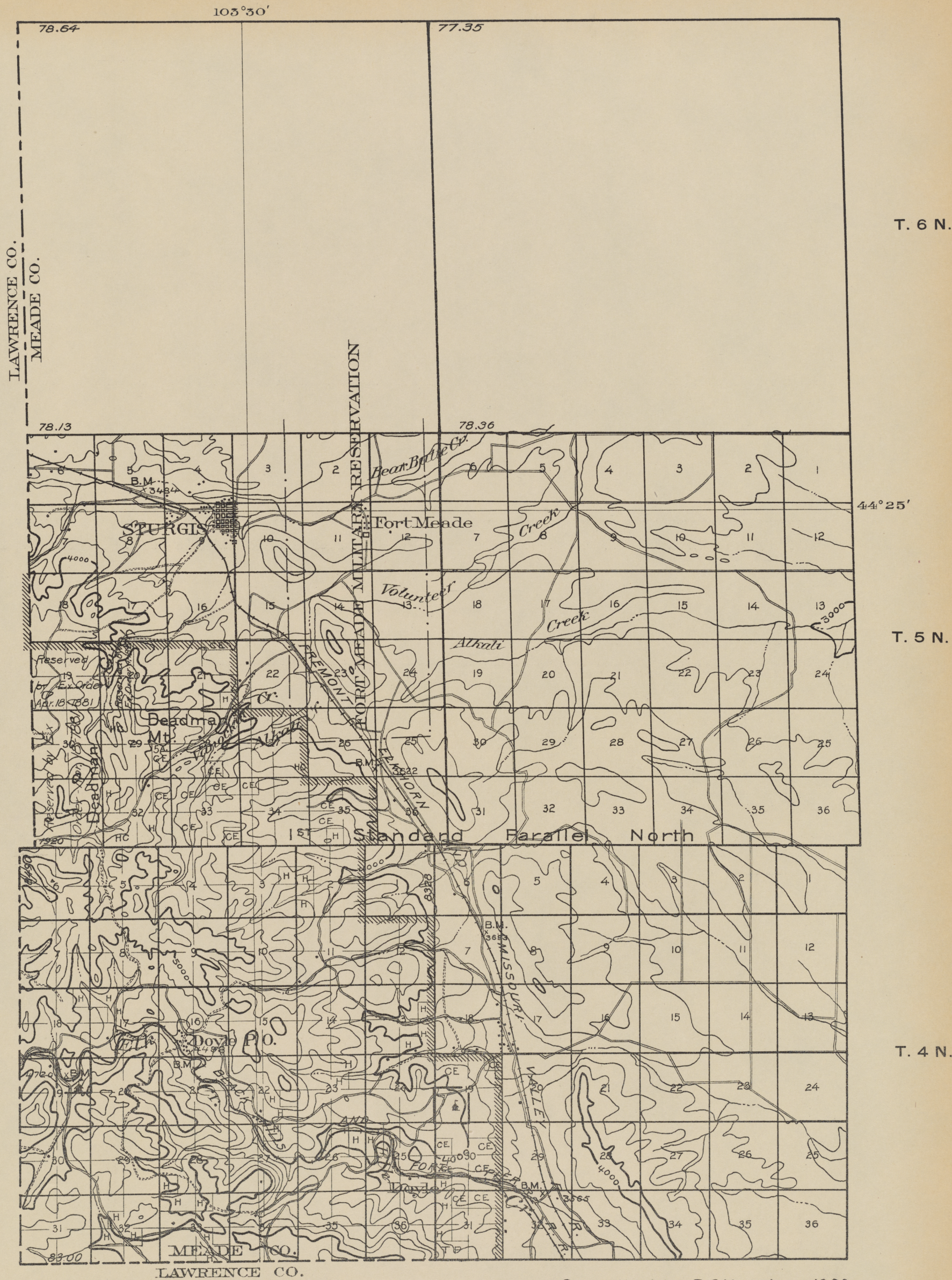
R. 4 E. BLACK HILLS

BLACK HILLS MERIDIAN AND BASE









LAWRENCE CO.

R. 5 E.

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R. 6 E. BLACK HILLS

BLACK HILLS MERIDIAN AND BASE

















T. 3 N.

44° 10'

T. 2 N.

T. 1 N.

103° 45'

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R. 3 E.

R. 4 E. BLACK HILLS

BLACK HILLS MERIDIAN AND BASE









T. 3 N.

44°10'

T. 2 N.

T. 1 N.

103°30'  
R. 5 E.

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R. 6 E. BLACK HILLS  
BLACK HILLS MERIDIAN AND BASE









T. 1 S.

T. 2 S.

T. 3 S.

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R. 5 E.

BLACK HILLS  
R. 6 E. BLACK HILLS MERIDIAN & BASE











